

How the speed of residential internet access will develop between now and 2022

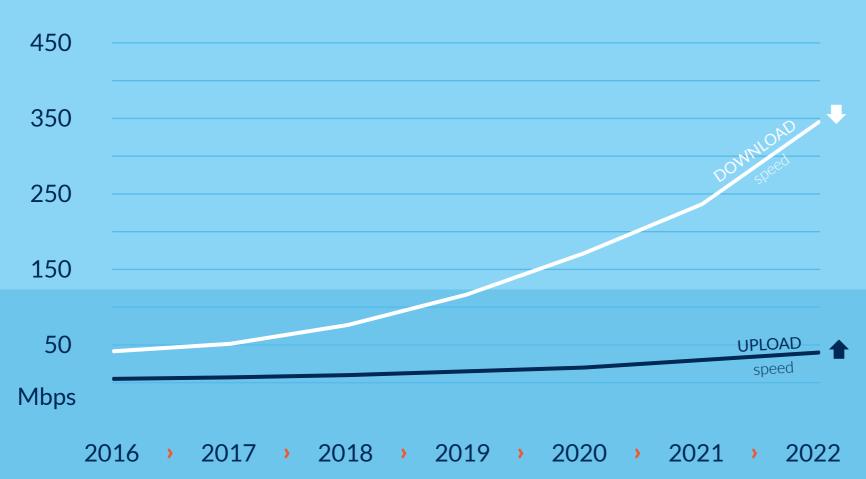
Annual internet traffic growth

Between **2016** and **2022** annual growth will amount to **40.5%** for downstream and **44.1%** for upstream traffic volume. The growth of existing services alone is responsible for a CAGR of **36.6%** (upstream) and **31.6%** (downstream) respectively.





Future demand

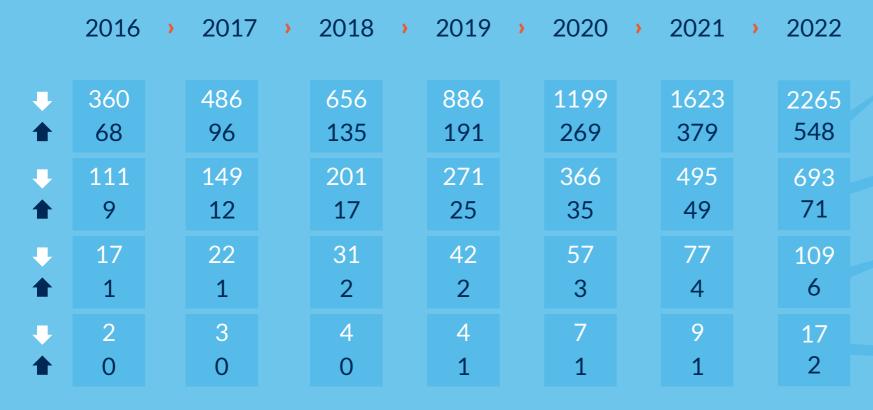


speed forecast by 2022

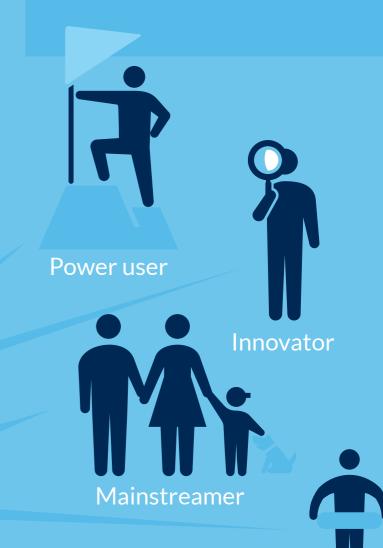
Customers will demand downstream speed of about 355 Mbps and an upstream speed of 37 Mbps on average.

Cable operators will be able to provide these future broadband needs by rolling out multi gigabit **DOCSIS 3.1**.

Gigabit speeds for power users



Usergroup breakdown, Mbps



Laggard

Video and new services will drive data consuption

